

## Selected Vegetable Crops

**Pesticides:** Herbicides were applied to 95 percent of the 20,600 acres of fresh market sweet corn and only 13 percent of the 2,300 acres of sweet corn for processing. Atrazine was the leading herbicide applied to fresh market sweet corn. Herbicides were applied to 81 percent of the 7,000 acres of pumpkins and 81 percent was also applied to the 1,300 acres of strawberries in Pennsylvania. 61 percent of 4,200 acres of fresh market tomatoes had herbicides applied with Metribuzin as the leading herbicide and 100 percent of the 1,500 acres of tomatoes for processing had herbicides applied. Snap beans for processing had 84 percent of its 8,700 acres applied with herbicides.

Insecticides were applied to 85 percent of Pennsylvania's fresh market sweet corn and 13 percent of processed sweet corn acreage. 62 percent of pumpkin acreage had insecticides applied, while 77 percent of strawberries total acreage had insecticides applied, with chlorpyrifos as the leading

insecticide reported. For tomatoes, 58 percent of fresh market tomato acreage had insecticides applied to it and 99 percent on processed tomato acreage. Processing snap beans, with 81% treated, had acephate as the leading insecticide reported.

Fungicides were applied to 10 percent of fresh market sweet corn acreage while the pumpkin acreage had 76 percent applied. Chlorothalonil was the leading fungicide used on pumpkins as it was applied to 66 percent of Pennsylvania's pumpkin acreage. Strawberry acreage had 77 percent of its area treated with fungicides as Captan was the most widely used. Chlorothalonil was leading fungicide applied on all tomatoes as it was applied to 85 percent of the processing tomato acreage and 100 percent of the fresh market tomato acreage in the state. Snap beans for processing had 66 percent of its acres applied with fungicides. Vinclozolin was applied to 62 percent of the acreage.

Pennsylvania: Total Acreage & Acreage Receiving Pesticide  
Applications, Specified Crops, 2000

Crop	Planted Acreage	Area Receiving Treatment <sup>1</sup>		
		Herbicide	Insecticide	Fungicide
		<i>Percent</i>		
Beans, Snap, Processing	8,700	84	81	66
Corn, Sweet, Fresh	20,600	95	85	10
Corn, Sweet, Processing	2,300	13	13	--
Pumpkins	7,000	81	62	76
Strawberries	1,300	81	77	77
Tomatoes, Fresh	4,200	61	58	85
Tomatoes, Processing	1,500	100	99	100

<sup>1</sup> Refers to acres receiving one or more applications of a pesticide.